

Notice of Allowability	Application No.	Applicant(s)	
	09/822,617	LUCHAUP, DANIEL	
	Examiner	Art Unit	
	ABUL K. AZAD	2654	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to the communication filed on August 12, 2005.
2. ☒ The allowed claim(s) is/are 1-6,8-11,15,17,18 and 22-25.
3. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
 - a) ☐ All b) ☐ Some* c) ☐ None of the:
 1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

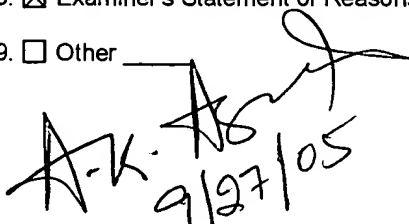
* Certified copies not received: _____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.
THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
 5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
 - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
 - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____.
 - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).**
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

- | | |
|--|--|
| <ol style="list-style-type: none"> 1. <input checked="" type="checkbox"/> Notice of References Cited (PTO-892) 2. <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) 3. <input type="checkbox"/> Information Disclosure Statements (PTO-1449 or PTO/SB/08),
Paper No./Mail Date _____ 4. <input type="checkbox"/> Examiner's Comment Regarding Requirement for Deposit
of Biological Material | <ol style="list-style-type: none"> 5. <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) 6. <input checked="" type="checkbox"/> Interview Summary (PTO-413),
Paper No./Mail Date _____ 7. <input checked="" type="checkbox"/> Examiner's Amendment/Comment 8. <input checked="" type="checkbox"/> Examiner's Statement of Reasons for Allowance 9. <input type="checkbox"/> Other _____ |
|--|--|


 9/27/05

DETAILED ACTION

Response to Amendment

1. This action is in response to the communication filed on August 12, 2005.
2. Claims 1-6, 8-11, 15, 17, 18 and 22-25 are pending in this action.

Examiner's Amendment

3. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it **MUST** be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with Mr. Aly Dossa (Reg. No. L0031) on September 23, 2005.

The application has been amended as follows:

IN THE CLAIM:

Please amend claims 1, 8 and 15 as follows:

1. A voice-translating remote control comprising:
a microphone operable to receive a nontrivial voice command and output a nontrivial voice signal;
an audio transmitter operably connected to the microphone to transmit an audio input signal to a host system based on the nontrivial voice signal, wherein the host system comprising a nontrivial speech recognition processor;

Art Unit: 2654

a signal receiver arranged to receive a command signal transmitted by the host system;

a signal transmitter operably connected to the signal receiver to transmit a control signal to an appliance based on the command signal; and

a user interface for validating the command signal, wherein the user interface configured to display contents of the command signal, wherein the contents of the command signal corresponds to an alpha-numeric representation of the non-trivial voice command.

8. A voice-translating remote control system comprising:

a host system comprising a host receiver, a nontrivial speech-recognition processor, and a host transmitter, wherein the host receiver is operably connected to the nontrivial speech-recognition processor, which is in turn operably connected to the host transmitter; and

a remote control comprising

a microphone operable to receive a nontrivial voice command and output a nontrivial voice signal,

an audio transmitter operably connected to the microphone to transmit an audio input signal to the host system based on the nontrivial voice signal,

a signal receiver arranged to receive a command signal transmitted by the host system, and

Art Unit: 2654

a signal transmitter operably connected to the signal receiver to transmit a control signal to an appliance based on the command signal; and

a user interface for validating the command signal, wherein the user interface configured to display contents of the command signal, wherein the contents of the command signal corresponds to an alpha-numeric representation of the non-trivial voice command.

15. A voice-translating remote control comprising:

a microphone to receive a nontrivial voice command and output a nontrivial voice signal;

a first transmitter means operably connected to the microphone for transmitting an audio input signal to a host system based on the nontrivial voice signal, wherein the host system comprising a nontrivial speech recognition processor;

a receiver means for receiving a command signal transmitted by the host system;

a second transmitter means operably connected to the receiver means for transmitting a control signal to an appliance based on the command signal; and

a user interface for validating the command signal, wherein the user interface is configured to display contents of the command signal wherein the contents of the command signal corresponds to an alpha-numeric representation of the non-trivial voice command.

Allowable Subject Matter

4. Claims 1-6, 8-11, 15, 17, 18 and 22-25 are allowed over the prior art of record.
5. The following is an examiner's statement of reasons for allowance:

The applicant teaches a voice-translating remote control system. the prior art of record fails to teach or fairly suggest the claimed combination of features. The prior art of record particularly fails to teach or fairly suggest a user interface for validating the command signal based on the displayed alphanumeric representation of the recognized non-trivial voice command, in combination with other claimed features.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

Contact Information

6. Any inquiry concerning this communication or earlier communications from the examiner should be directed to **Abul K. Azad** whose telephone number is **(571) 272-7599**. If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, **Richemond Dorvil**, can be reached at **(571) 272-7602**.

Any response to this action should be mailed to:

Commissioner for Patents

P.O. Box 1450

Alexandria, VA 22313-1450

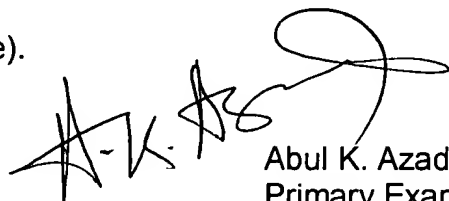
Art Unit: 2654

Or faxed to: **(571) 273-8300**.

Hand-delivered responses should be brought to **401 Dulany Street, Alexandria, VA-22314** (Customer Service Window).

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

September 27, 2005

A handwritten signature in black ink, appearing to read 'A-K-Azad', with a large, stylized loop at the end.

Abul K. Azad
Primary Examiner
Art Unit 2654